

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF MD 140 AND BETHEL ROAD IN CARROLL COUNTY. ADDITIONAL THROUGH SIGNAL HEADS WILL BE PROVIDED FOR EASTBOUND AND WESTBOUND APPROACHES OF MD 140. MD 140 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION OPERATES IN A NEMA SIX-PHASE, FULL-TRAFFIC-ACTUATED MODE. THERE IS AN EXCLUSIVE LEFT-TURN PHASE FOR THE EASTBOUND AND WESTBOUND MD 140 APPROACHES. MD 140 THROUGH MOVEMENTS WILL OPERATE CONCURRENTLY AND BETHEL ROAD THROUGH MOVEMENTS WILL RUN CONCURRENTLY.

EQUIPMENT LIST FOR CONTRACT NO. XX5245185

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

ITEM	QUANTITY	UNIT	DESCRIPTION
NONE			

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM	QUANTITY	UNIT	DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC
8001	6	EA	12 INCH LED SIGNAL HEAD SECTION
8061	30	LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
8069-A	22	SF	RELOCATE EXISTING SIGN

C. EQUIPMENT TO BE REMOVED.

ALL EXISTING SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL.

MD 140 IS ASSUMED TO RUN
IN AN EAST/WEST DIRECTION

PHASE CHART

4	5	6	7	8	9	10	11	12	13	14	15
(R)	(R)	(←R)	(←R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)
(Y)	(Y)	(←Y)	(←Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)
(G)	(G)	(←G)	(←G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)

R	R	←G	←G	R	R	R	R	R	R	R	R
2 AND 6											
G	G	←R	←R	R	R	R	R	R	R	R	R
G	G	←R	←R	R	R	R	R	R	R	R	R
R	R	←G	←G	G	G	G	R	R	R	R	R
R	R	←Y	←Y	G	G	G	R	R	R	R	R
G	G	←R	←R	G	G	G	R	R	R	R	R
Y	Y	←R	←R	Y	Y	Y	R	R	R	R	R
R	R	←R	←R	R	R	R	G	G	G	G	G
R	R	←R	←R	R	R	R	Y	Y	Y	Y	Y
FL/Y	FL/Y	FL/R	FL/R	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R

TOD NO: XY524-04
SHA NO: CL201854
MD 140 @ Bethel Road



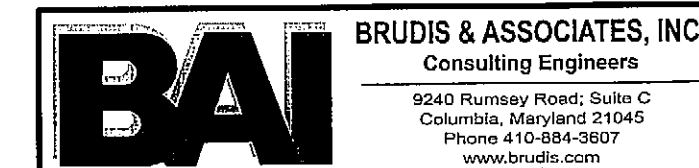
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 140 (BALTIMORE BLVD) AT BETHEL ROAD
WESTMINSTER, MD

GENERAL INFORMATION PLAN SHEET

SCALE: 1" = 20' DATE: 07/2013 CONTRACT NO.: XX5245185

DESIGNED BY: MA COUNTY: CARROLL
DRAWN BY: MA LOGMILE: 06014005.04
CHECKED BY: RM L961
F.A.P. NO.: TOD NO.:

TS NO. 4243 C DRAWING SG-2 OF 2 SHEET NO. 2 OF 2



PLOTTED: Monday, July 15, 2013 AT 01:31 PM
FILE: P:\03-002 TEDD\Task 130 MD 140 @ Bethel Rd\Drawings\CADD\Working\pSG-P003_MD 140 @ Bethel Road.dgn